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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

## Complete if Known

Application Number 10/008,953  
Filing Date December 6, 2001  
First Named Inventor DHANOA, Daljit S.  
Group Art Unit 1626  
Examiner Name Unassigned  
Attorney Docket Number 46395/268356  
Express Mail Certificate EV 032 196 895 US

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
CA	1	US- 4,535,167		Freidinger, et al.	08-13-1985	
CA	2	US- 4,631,211		Houghten, Richard A.	12-23-1986	
CA	3	US- 4,757,153		Hansen, Jr. et al.	07-12-1988	
CA	4	US- 5,280,093		Jacquier, et al.	01-18-1994	
CA	5	US- 5,545,568		Ellman, et al.	08-13-1996	
CA	6	US- 6,025,371		Gordeev, et al.	02-15-2000	
CA	7	US- 6,121,054		Lebl, Michal	09-19-2000	
CA	8	US- 6,124,462		Li, George Y.	09-26-2000	
CA	9	US- 6,207,861 B1		Nash, et al.	03-27-2001	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				

Examiner Signature

*Lisa Hsinco*

Date Considered

March 4, 2003

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

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Application Number	10/008,953
Filing Date	December 6, 2001
First Named Inventor	DHANOJA, Daljit S.
Group Art Unit	1626
Examiner Name	Unassigned
Attorney Docket Number	46395/268356
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C.A.	10	BOOJAMRA et al. "An expedient and high-yielding method for the solid-phase synthesis of diverse 1,4-benzodiazapine-2,5-diones" J. Org. Chem. 60:5742-5743 (1995)	✓
C.A.	11	BUNIN et al. "The combinatorial synthesis and chemical and biological evaluation of a 1,4-benzodiazepine library" Proc. Natl. Acad. Sci. USA 91:4708-4712 (1994)	✓
C.A.	12	CAO, X. et al., "Synthesis of NH-acyl-α-aminoamides on rink resin: inhibitors of the hematopoietic protein tyrosine phosphatase" Bioorg. Med. Chem. Lett., Vol. 5, 1995, 2953-2958	✓
C.A.	13	DEMHARTER, A. et al. "Synthesis of Chiral 1,1' - Iminodicarboxylic Acid Derivatives from - α Amino Acids Aldehydes, Isocyanides, and Alcohols by the Diastereoselective Five-Center-Four-Component Reaction. Angew. Chem. Int. Ed. Engl. 35: 173-175 (1996)	✓
E.A.	14	DRESSMAN et al. "Solid phase synthesis of hydantions using a carbamate linker and a novel cyclization/cleavage step" Tetrahedron Lett. 37:937-940 (1996)	✓
C.A.	15	FAUST, "Geminal Benzotriazolyl Ethoxy derivatives-Efficient auxiliaries in the synthesis of unsaturated carbonyl compounds", J. Prakt. Chem., 1997, Vol. 339, p. 98-100	✓
C.A.	16	GEYSEN et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid" Proc. Natl. Acad. Sci. USA 81:3998-4002 (1984)	✓
C.A.	17	GORDON et al., "Applications of combinatorial technologies to drug discovery. 2. Combinatorial organic synthesis, library screening strategies, and future directions" J. Med. Chem. 37:1385-1401 (1994)	✓
C.A.	18	GRANT, G.A., ed., "Synthetic Peptides. A User's Guide" Oxford Press. A title page and table of contents, 2002	✓
C.A.	19	GREENE, T.W., "Protection for the Amino Group" Protective Groups in Organic Synthesis, John Wiley & Sons, New York, NY, Chapter 7 (1981)	✓
C.A.	20	HERMKENS et al., "Solid-phase organic reactions: A review of the recent literature" Tetrahedron 52:4527-4554 (1996)	✓
C.A.	21	KEATING, et al., "Molecular diversity via a convertible isocyanide in the Ugi four component condensation" J. Am. Chem. Soc. 1995, Vol. 117, 7842-7843	✓
C.A.	22	KEATING, T.A. et al. "Postcondensation Modifications of Ugi Four-Component Products: 1-Isocyanocyclohexene as a convertible Isocyanide Mechanism of Conversion, Synthesis of Diverse Structures, and Demonstration of Resin Capture". J. Am. Chem. Soc. 1996, Vol. 118, No. 11, pp 2574-2583	✓
E.A.	23	KITAGUCHI et al. "Enzymatic formation of an isopeptide bond involving the ε-amino group of lysine" Tetrahedron Lett., 1988, Vol. 29, pp. 5487-5488	✓
C.A.	24	KUNZ, H. et al. "Carbohydrates as chiral templates: diastereoselective Ugi synthesis of (S) amino acids using o-acylated d-arabinopyranosylamine as the auxiliary" Tetrahedron Lett., 1989, Vol. 30, pp. 4109-4110	✓
C.A.	25	LINDERMAN, "Enhanced diastereoselectivity in the asymmetric Ugi reaction using a new convertible isonitrile" J. Org. Chem., 1999, Vol. 64, pp. 336-337	✓
C.A.	26	MARSHALL et al., "Phosphorodithioate DNA as a potential therapeutic drug" Science 259:1564-1570 (1993)	✓
C.A.	27	MERRIFIELD, "Solid phase peptide synthesis. I. The synthesis of a tetrapeptide" J. Am. Chem. Soc. 85:2149-2154 (1963)	✓
C.A.	28	MJALLI, et al., "Solid phase synthesis of pyrroles derived from a four component condensation" Tetrahedron Lett., 1996, Vol. 37, pp. 2943-2946	✓

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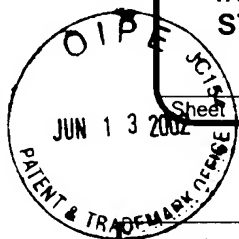
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Sheet 3 of 3

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Group Art Unit	1626
Examiner Name	Unassigned
Attorney Docket Number	46395/268356
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CA	29	PLUNKETT et al. "Solid-phase synthesis of structurally diverse 1,4-benzodiazapine derivatives using the Stille coupling reaction" J. Am. Chem. Soc. 117:3306-3307 (1995)	✓
CA	30	SIGLMÜLLER et al. "Chiral ferrocenylalkylamines from (-)-menthone" Tetrahedron, 1986, Vol. 42, pp. 5931-5940	✓
CA	31	UGI, I., Isonitrile Chemistry, p. 1, Academic Press, New York and London, 1971	✓
CA	32	UGI, I., "From Isocyanides via four-component condensations to antibiotic syntheses" Angew Chem., Int. Ed. Engl., 1982, Vol. 21, pp. 810-819	✓
CA	33	UGI, I., "Perspektiven von Multikomponentenreaktionen und deren Bibliotheken" J. Prakt. Chem., 1997, Vol. 339, p. 499-516	Ger

Examiner Signature	<i>Olga Asinevsky</i>	Date Considered	<i>March 4, 2003</i>
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<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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